

SDT Plan Forward

Interim SDT report due April 30, 2014

Next SDT meeting will be January 9-10, 2014 after the AAS at National Harbor, Washington DC

3-4 telecons between now and January

Topics for telecons

- Coronagraph selection updates
- SDT Report outline
- Microlensing requirements discussion
- Working groups updates
- Project design updates
- Requirements flowdown

Conferences / workshops under discussion for

- WFIRST-AFTA science [fall 2014]
- wide-field survey science (WFIRST, Euclid, LSST,) [???
- coronagraphy from space & ground [June AAS]

Topics of Interest & Working Groups

- Coronagraph update after late Sept meeting
- Set up microlensing working group to report on predictions
- Set up working group for JWST/ALMA/LSST/Euclid synergies
 - early galaxies & quasars; rare events
 - dark energy
- Set up all sky survey working group
- Red limit and telescope temperature
- Long wavelength science and Project progress on telescope temperature
- Applications for Cosmic Origins science (with COPAG members)?
- Applications for Dark Matter, etc. (with PHYSPAG?)
- Other topics?

Concept for Interim Report

Interim report as a progress report

Focus on the areas where we have made most progress over the first-year of the study.

Focus areas

- mission design
- coronagraph design and science
- synergy with other missions
- science requirements and flow down
- other TBD

Action Items

- 1) Need thermal change and vibration specs for the observatory for the coronagraph selection.
- 2) From coronagraph side, what is the necessary information needed from the telescope team?
- 3) Set up a PSF subtraction data challenge after the coronagraph selection
- 4) What is the weight of low order aberration sensitivity in the coronagraph selection?
- 5) Doodle poll for SDT coronagraph telecon
- 6) Include discussion of Time Allocation process and proprietary periods in Interim report
- 7)